Vineet Garg

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EXPERIENCE

Arista Networks, Bengaluru — *Software Engineering Intern*

June 2016 - July 2016

- Implemented Mirroring to CPU support for Trident switches.
- Worked with Linux DMA driver to manipulate Ethernet interfaces.

KDE, Delhi — *Google Summer of Code Participant*

May 2015 - August 2015

- Designed and implemented secure SSL backend for KDE Connect
- Worked on both Android and Desktop(Qt based) application

EDUCATION

Delhi Technological University, Delhi — *Bachelor of Tech.*

August 2013 - July 2017(Expected)

- Majoring in Computer Science with CGPA 8.5/10 (till now)

Rajkiya Pratibha Vikas Vidyalaya, Delhi — *Sr Secondary*

April 2006 - March 2013

- Secured 94.4% in Senior Secondary achieving 1st position in school

PROJECTS

Secure ABE based scheme for maintaining provenance of personal and clinical data

- Improved security for storing and transferring health data using Attribute Based Encryption scheme in NFC based healthcare system
- Implemented fast PIRATTE scheme for Android devices using NDK

HackeHire - An online technical interviewing platform

- Designed and implemented whole backend using Node.js
- Added support for WebRTC based video and text chat
- Implemented email based authentication, reset password support for accounts etc..

ParaTube - Multi-threaded YouTube Downloader

- Created Qt based cross platform YouTube downloaded
- Added functionality to download file in multiple parts to utilize full bandwidth
- Implemented support for downloading whole playlist

Ball Blast - Android game

- Designed and created an Android game using libGDX framework

SKILLS

- **Languages :** C++, Java, Python, SQL, Javascript, HTML/CSS
- **Frameworks :** Android, Qt
- **Version Control :** Git/Github
- **Editors & IDEs :** Android Studio, Vim , QtCreator

AWARDS

- **IndiaHacks Bot Challenge :** Achieved 5th position worldwide amongst 2700 participants
- **1 Lac Scholarship from MHRD :** Awarded scholarship of 1 lac by MHRD for scoring a rank amongst top 200 in Govt. Schools
- **CBSE Certificate of Merit :** Received certificate of merit for excellence in Physics and Economics for being in top 0.1%

LANGUAGES

- English
- Hindi